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# United States Patent [19]

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Jang

[45] Date of Patent: **Aug. 18, 1998**

[54] QUICK ASSEMBLY TENT FRAMEWORK

618758 8/1980 Switzerland ..... 403/230

[76] Inventor: **Jung-Woo Jang**, 53-26 Gamsam-dong, Dalseo-ku, Daegu, Rep. of Korea

*Primary Examiner*—Robert Canfield  
*Attorney, Agent, or Firm*—Griffin, Butler, Whisenhunt & Szipl, LLP

[21] Appl. No.: **799,806**

[22] Filed: **Feb. 13, 1997**

[57] **ABSTRACT**

[51] Int. Cl.<sup>6</sup> ..... **E04H 15/50**

[52] U.S. Cl. .... **135/131; 135/145; 135/147; 135/151; 403/174; 403/178; 52/641; 52/646; 52/655.1**

[58] Field of Search ..... 52/646, 641, 109, 52/655.1; 135/145, 147, 151, 128-131; 403/217-219, 326, 329, 174, 178, 102, 113, 117, 231

A quick assembly tent framework is disclosed. In the framework, each of mounts has a channel type socket. The socket is eccentrically formed on each mount with thick and thin sidewalls being formed on opposite sides of the socket. Each of the thick and thin sidewalls has a hinge bore and a hinge guide depression. Two connection members are attached to both ends of each scissor bar. Each of the connection members is axially slitted to a depth thus forming a channel type slit with resilient sidewalls being formed on opposite sides of the slit. Each of the resilient sidewalls has a boss on its outside surface. The boss is guided by the guide depression and elastically snapped into the hinge bore when each scissor bar is jointed to an associated mount. The framework is easily and quickly assembled or disassembled without using any tools thus being convenient to users.

[56] **References Cited**

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**2 Claims, 10 Drawing Sheets**

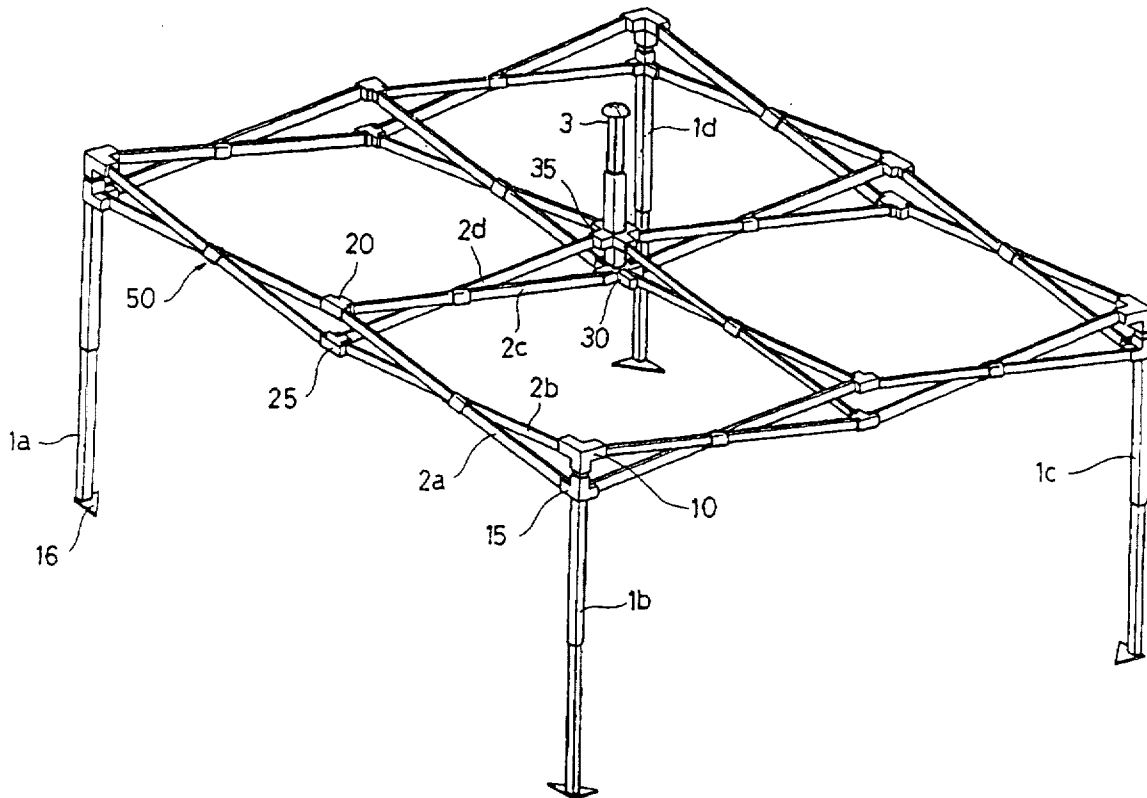


FIG. 1

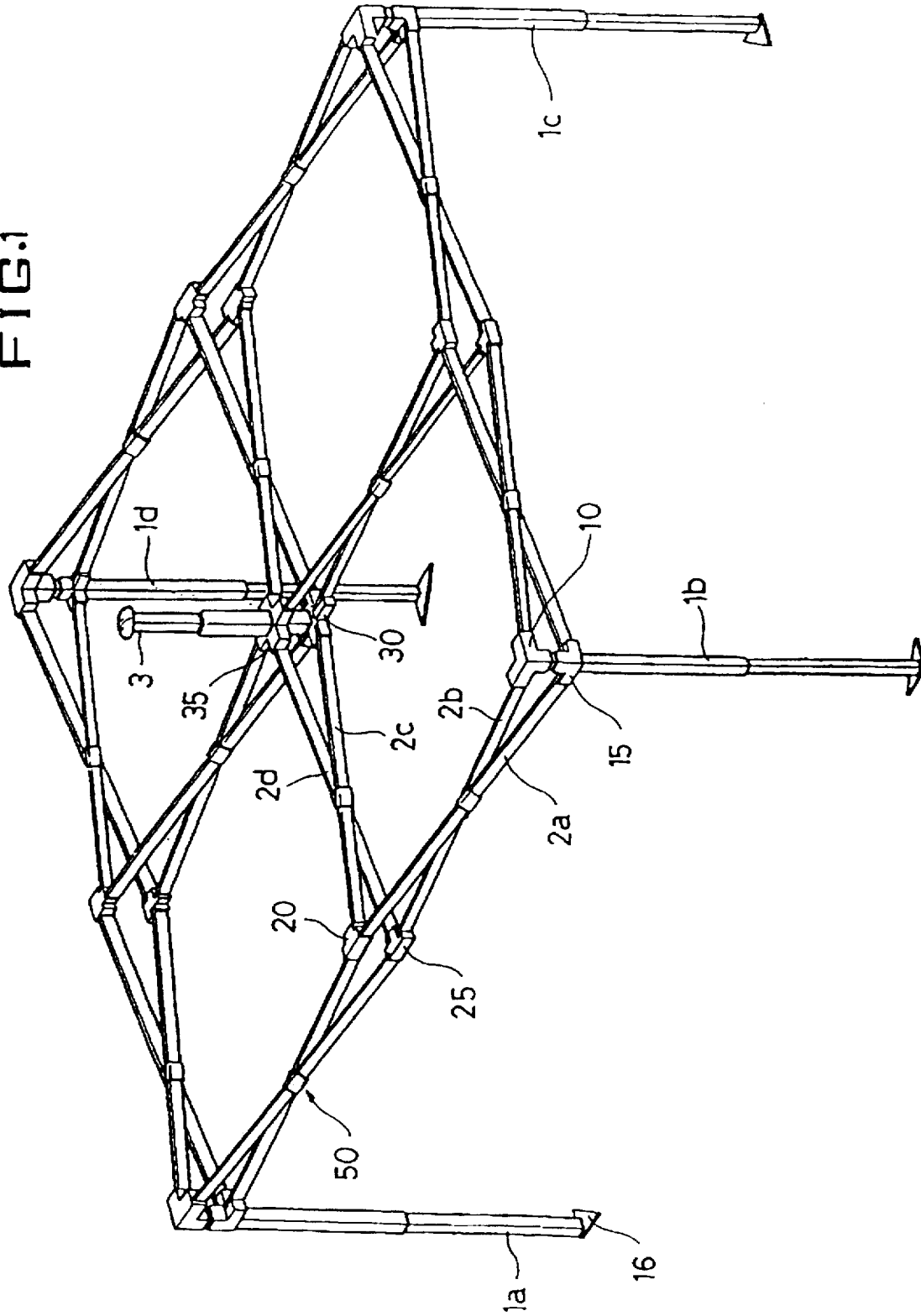


FIG. 2

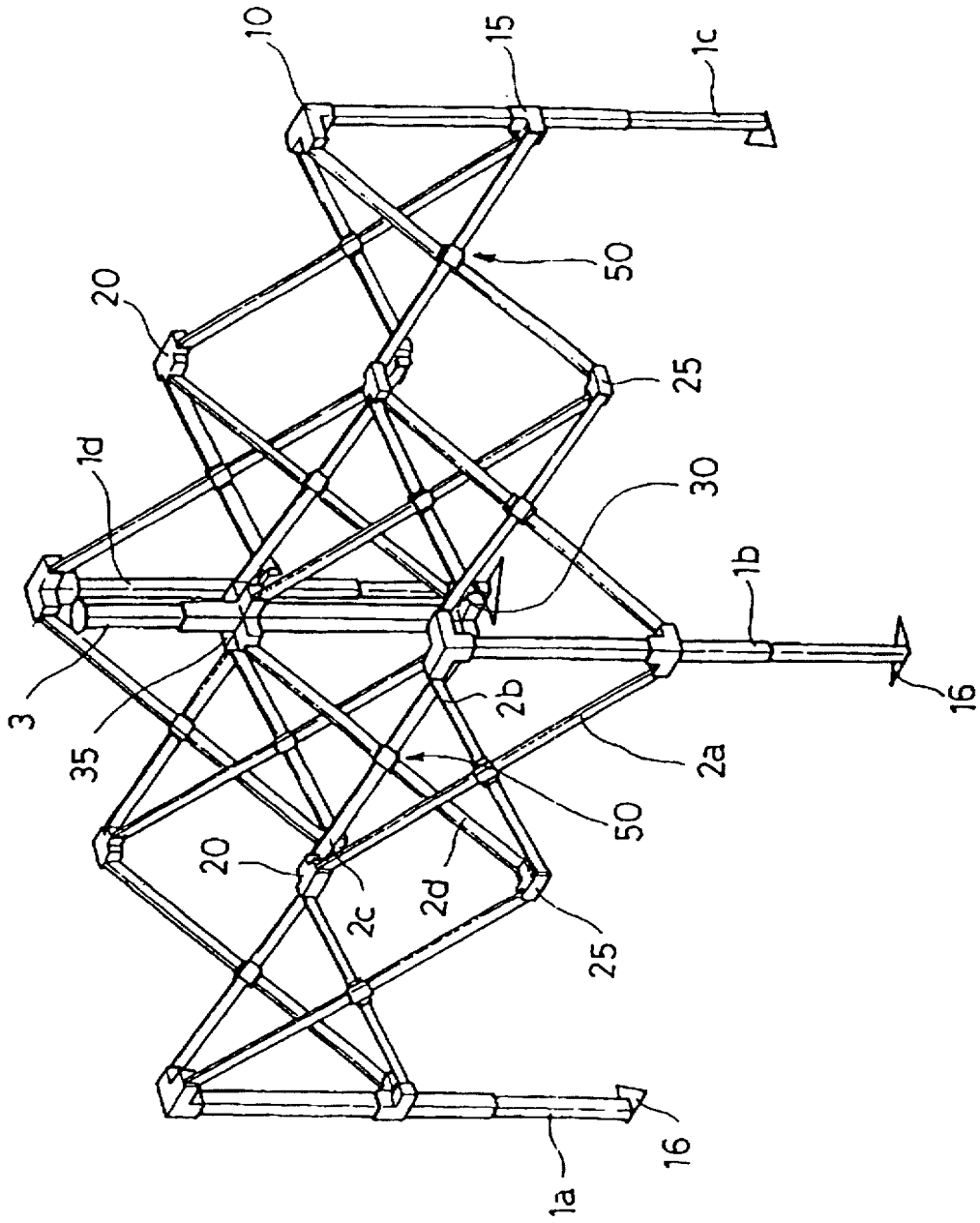


FIG. 3

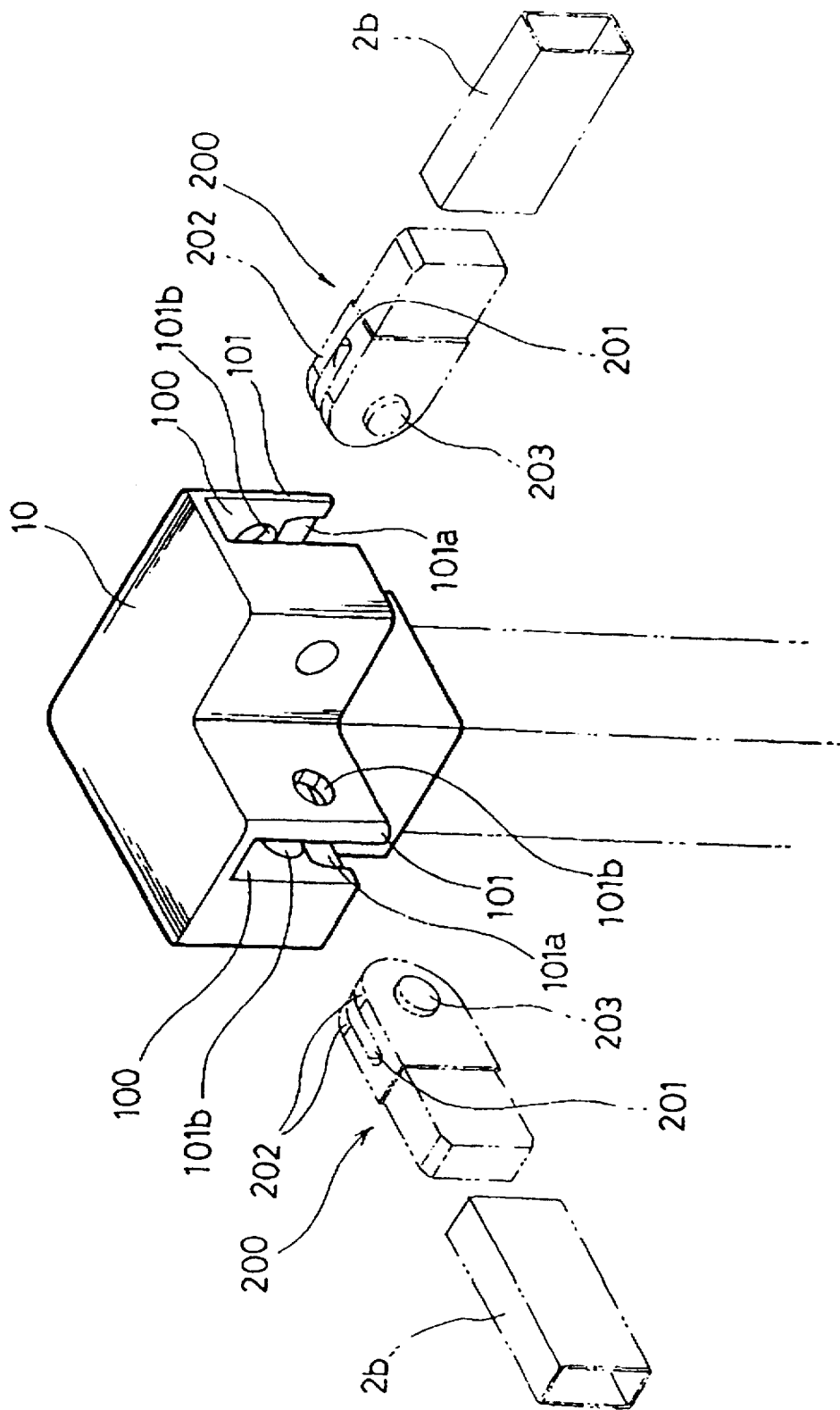
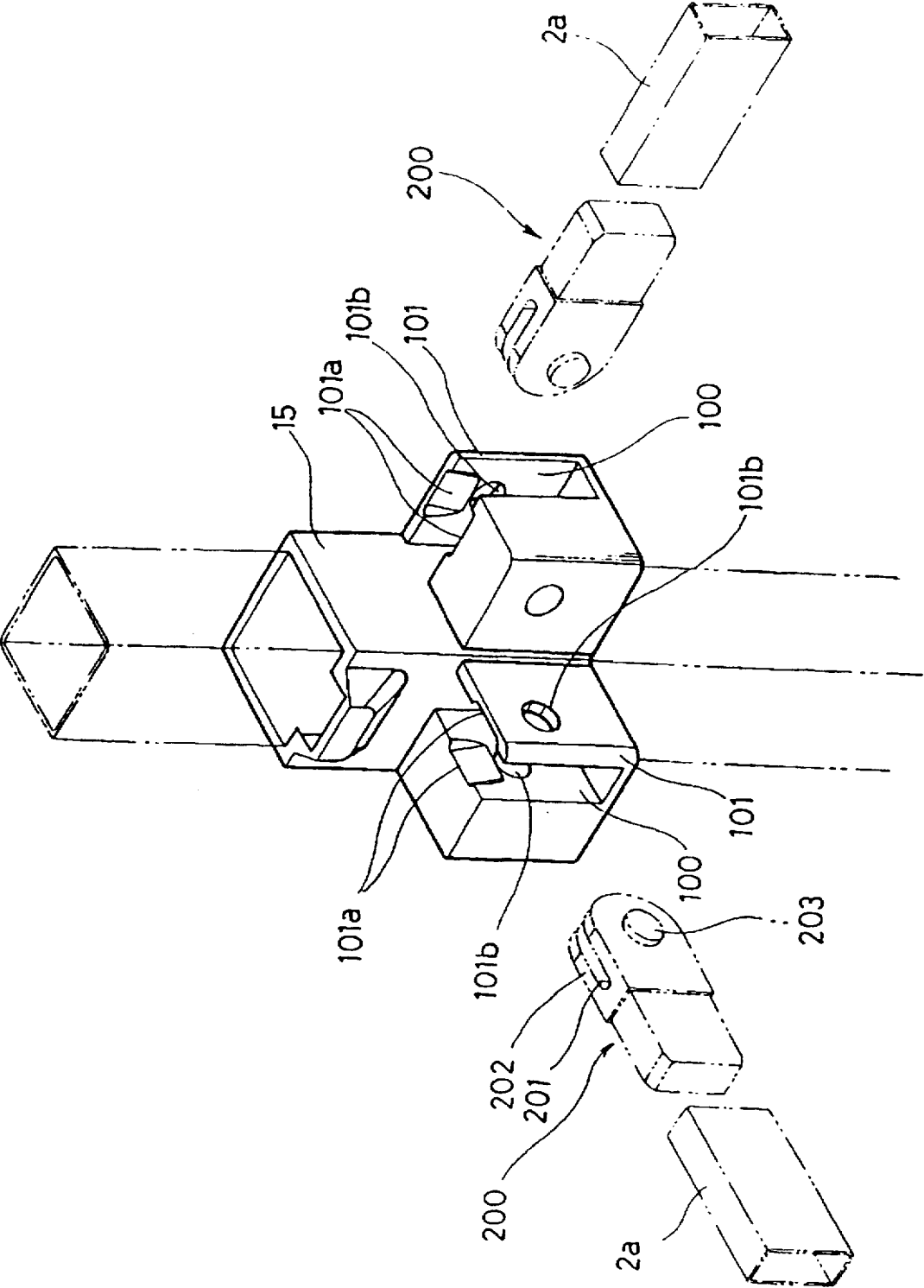


FIG.4



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